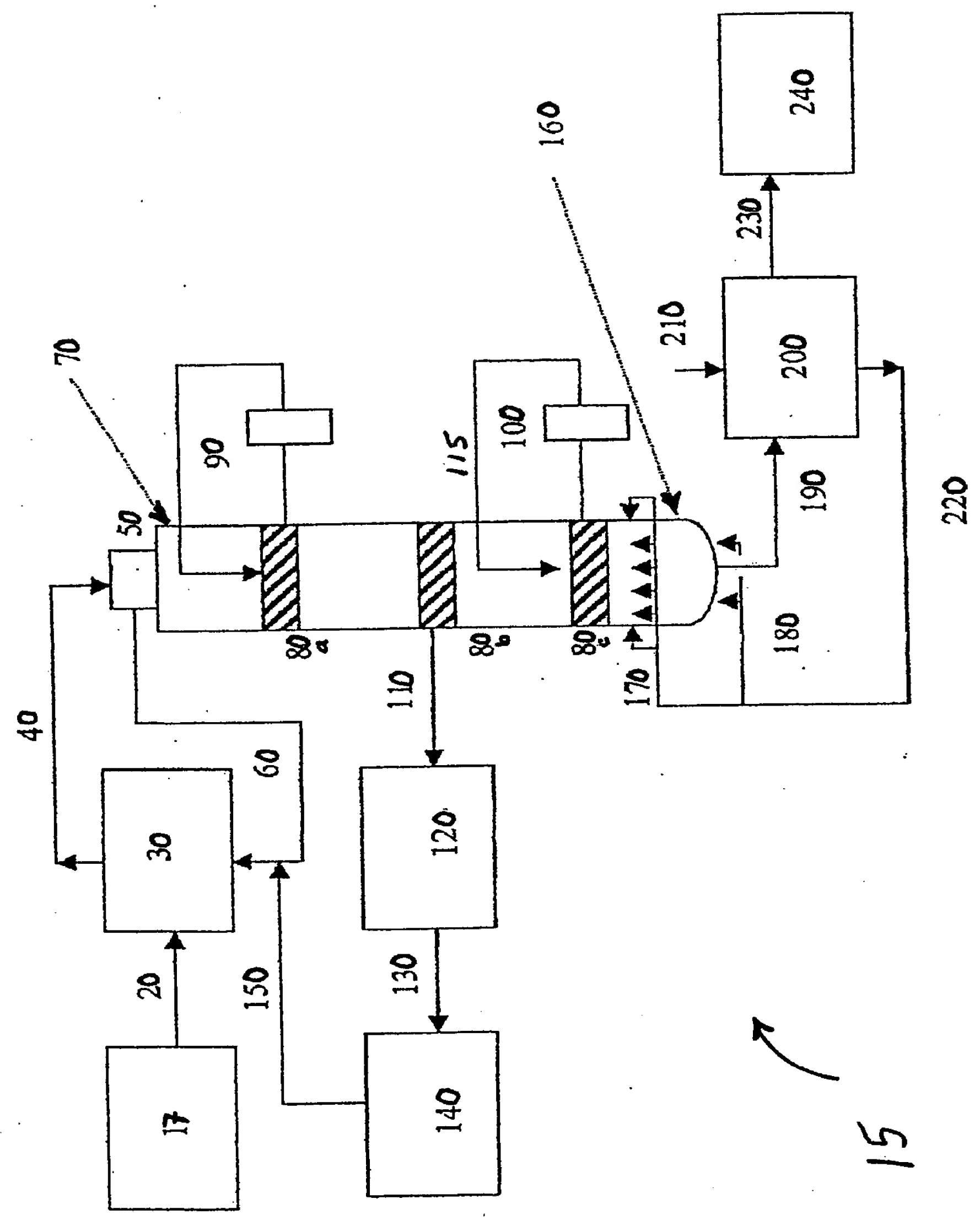
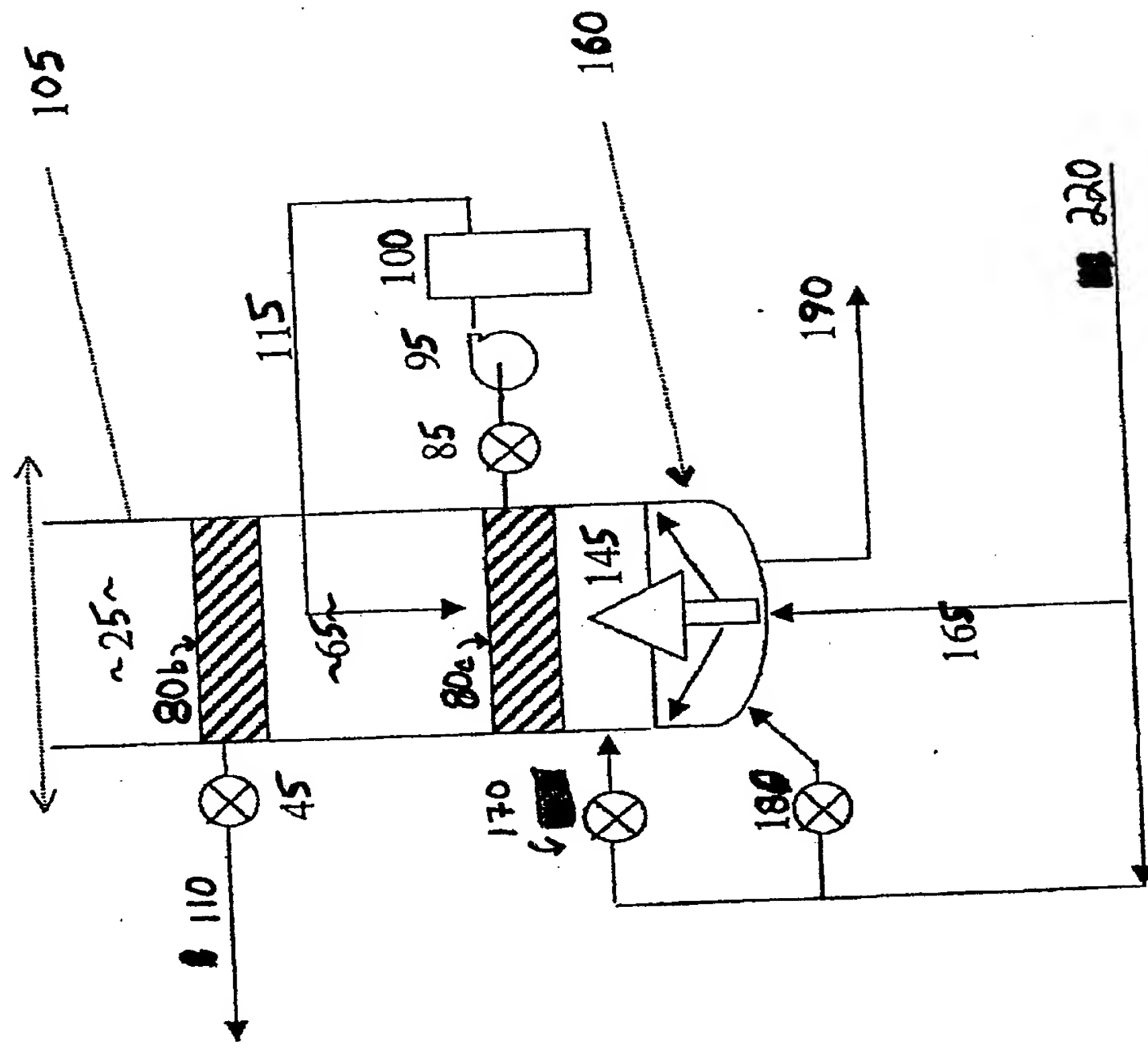


Patented Feb 23, 1993

Figure 1



**Figure 2**



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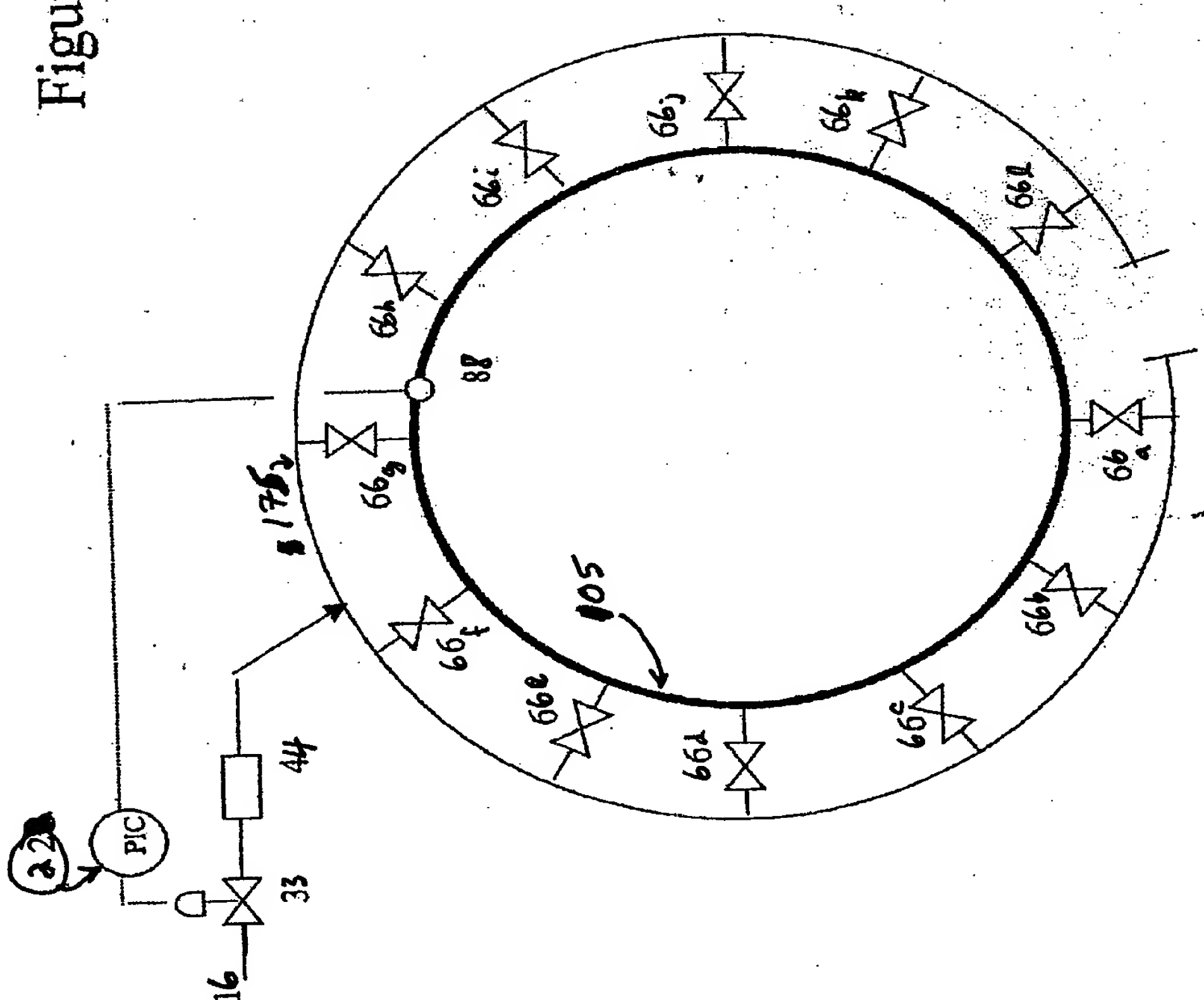
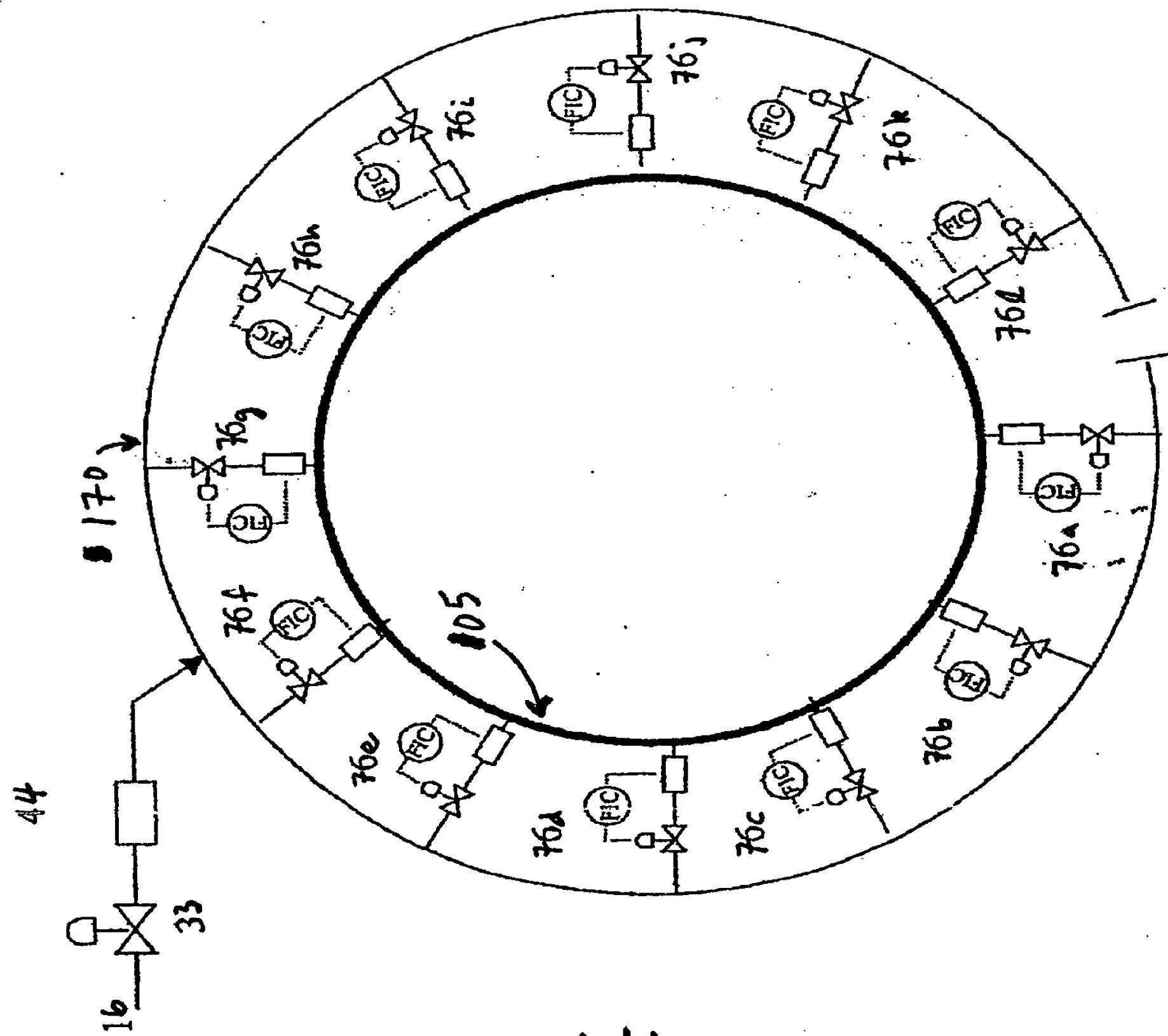


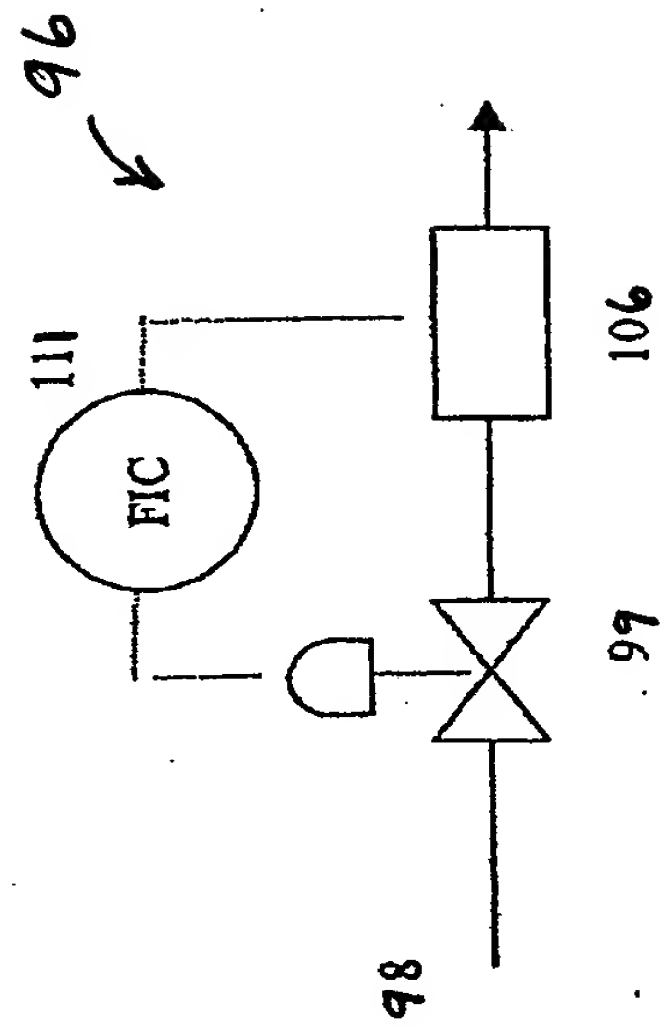
Figure 3(a)

Figure 3(b)



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Figure 3(c)



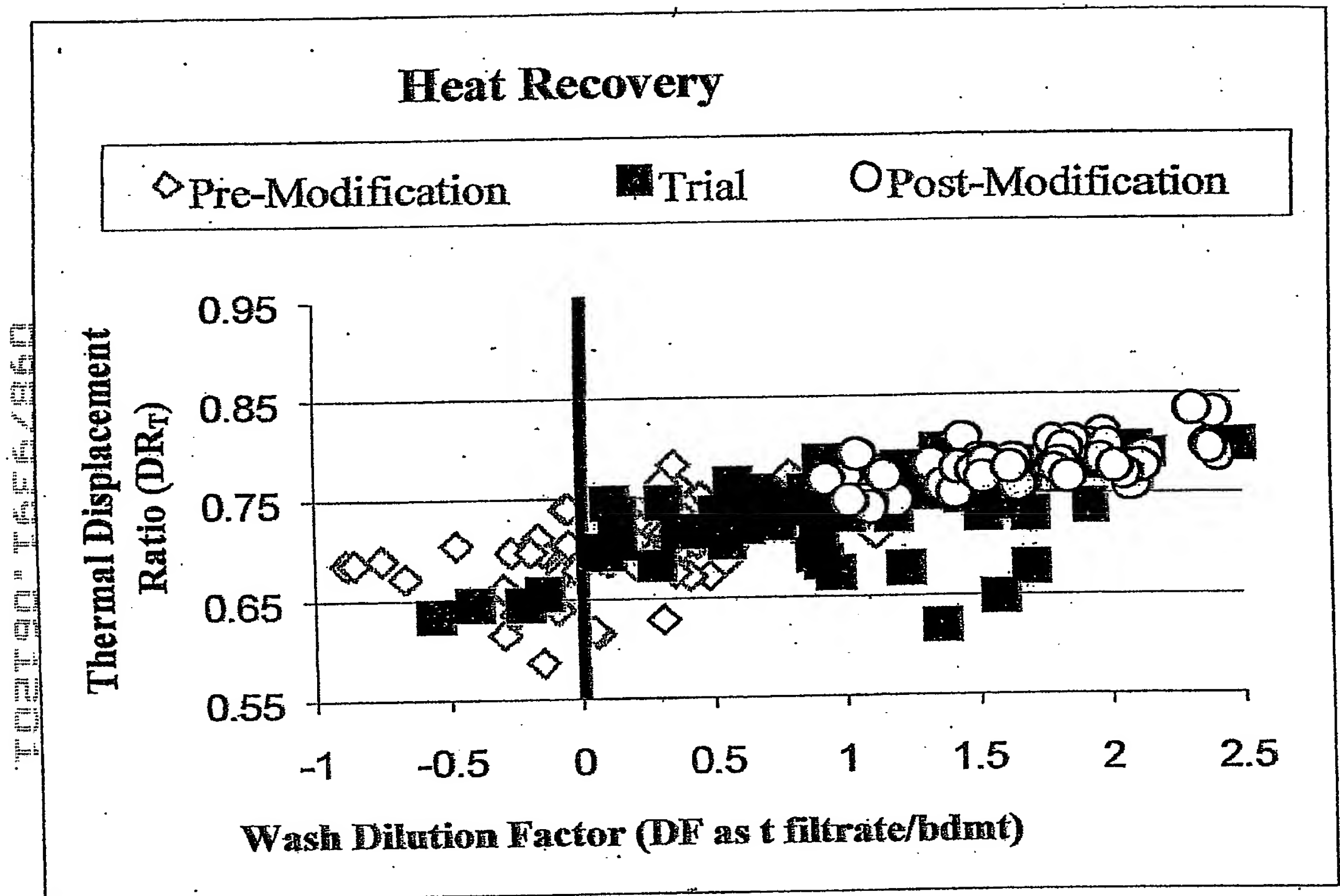


Figure 4: Heat Recovery Efficiency as a Function of Wash Dilution Factor

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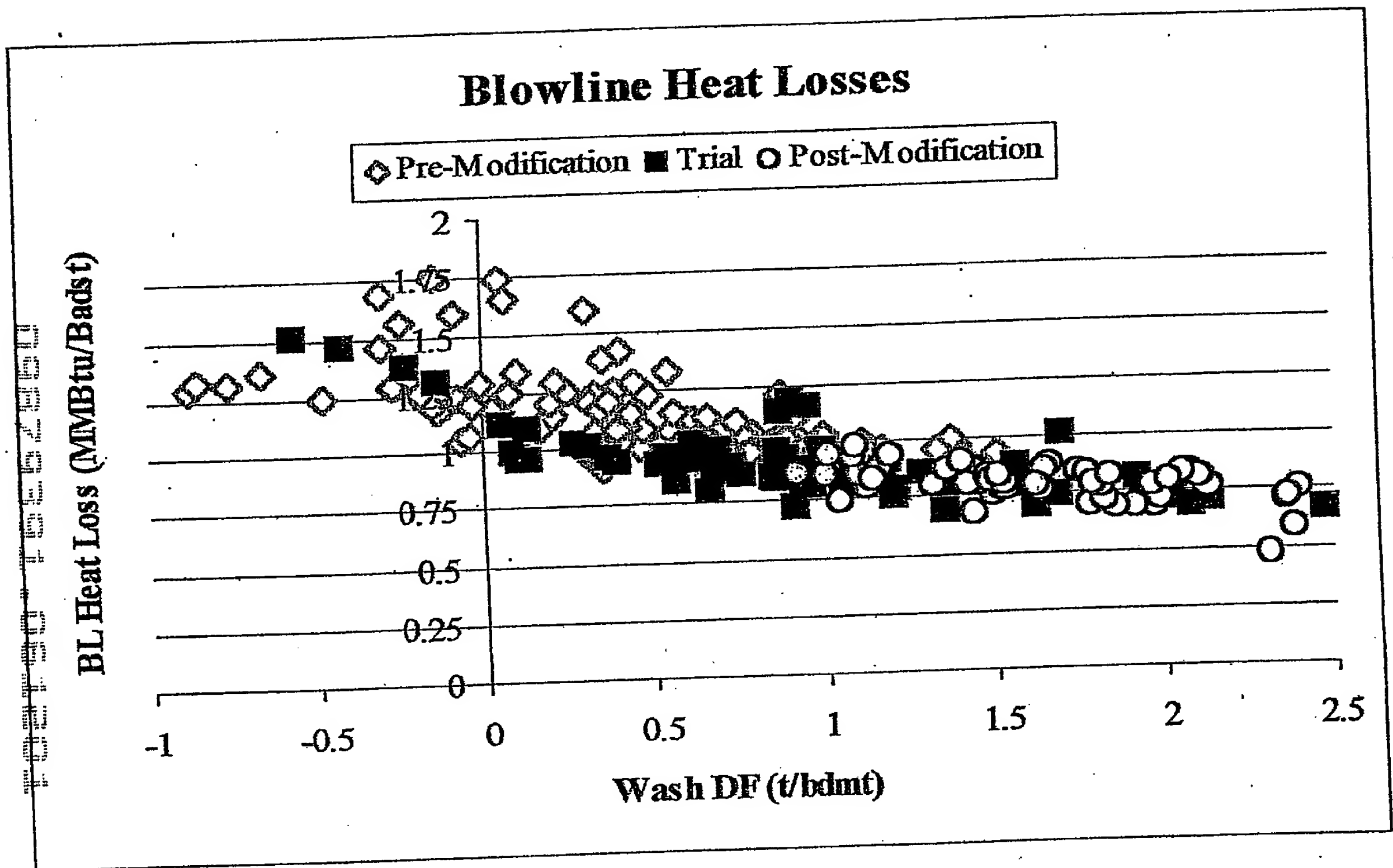
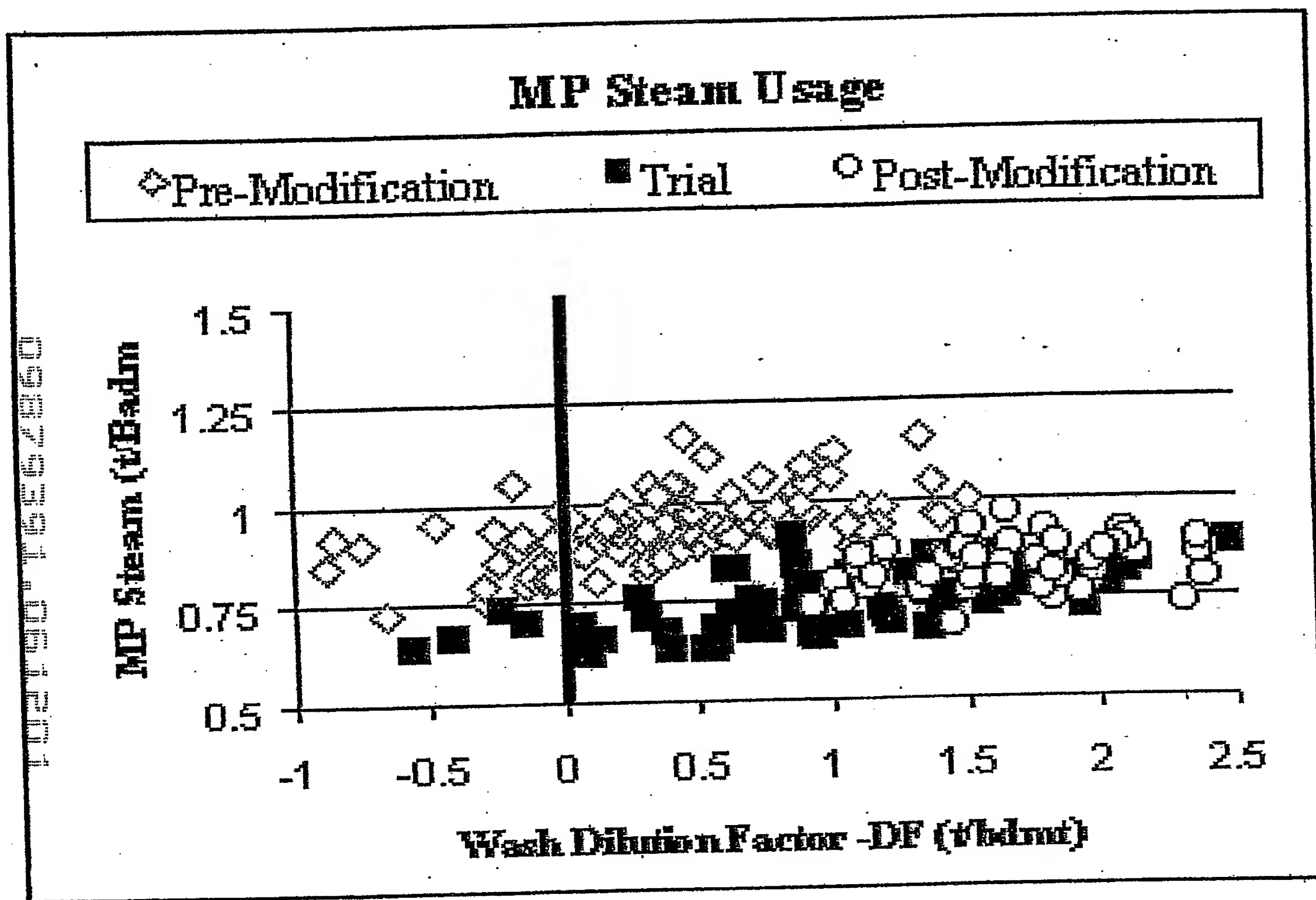


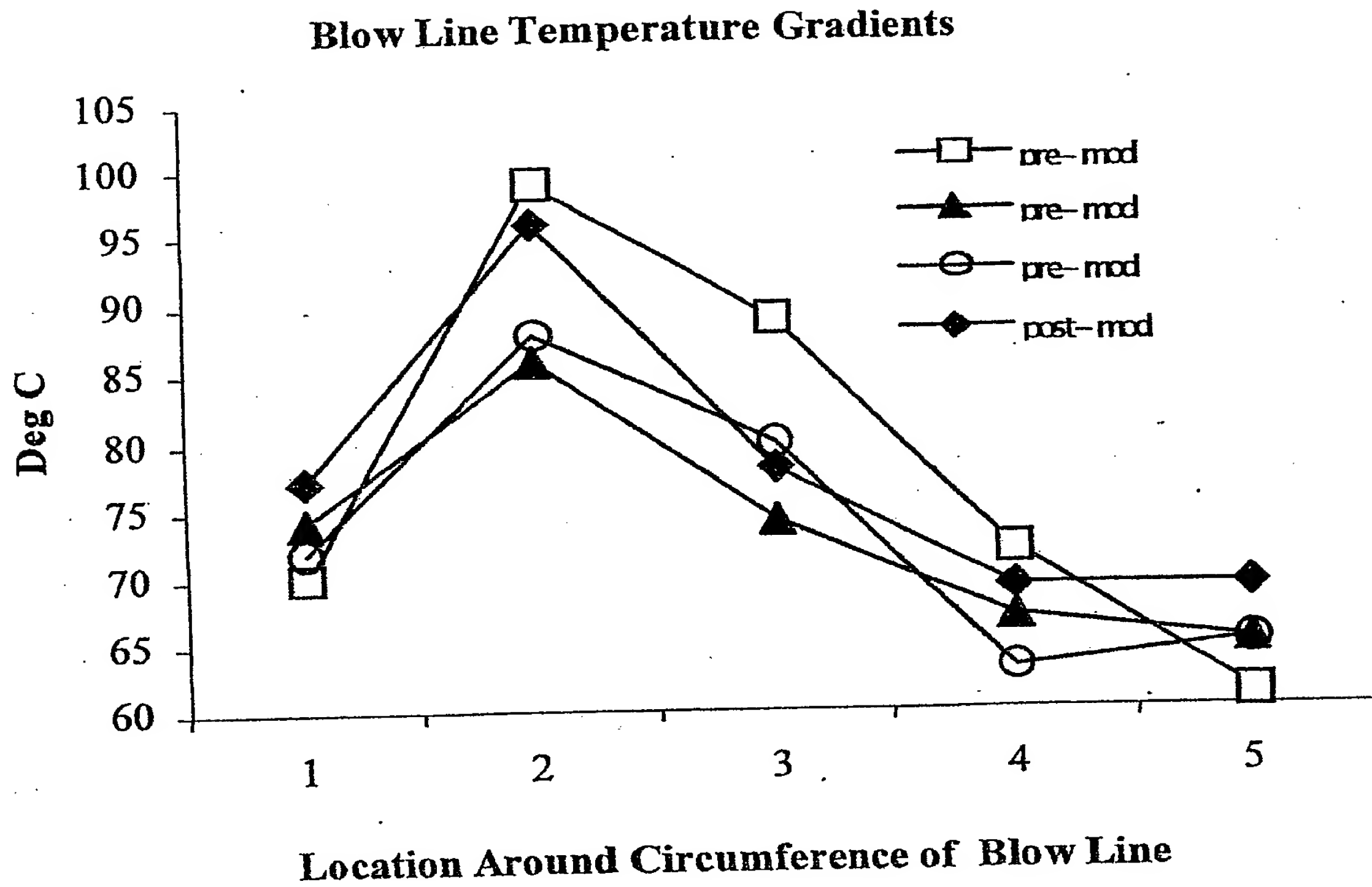
Figure 5: Blow Line Heat Loss as Function of Operating Conditions and Wash Zone DF.

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**Figure 6: Total Medium Pressure Steam Demand as Function of Operating Conditions and Wash Zone DF.**

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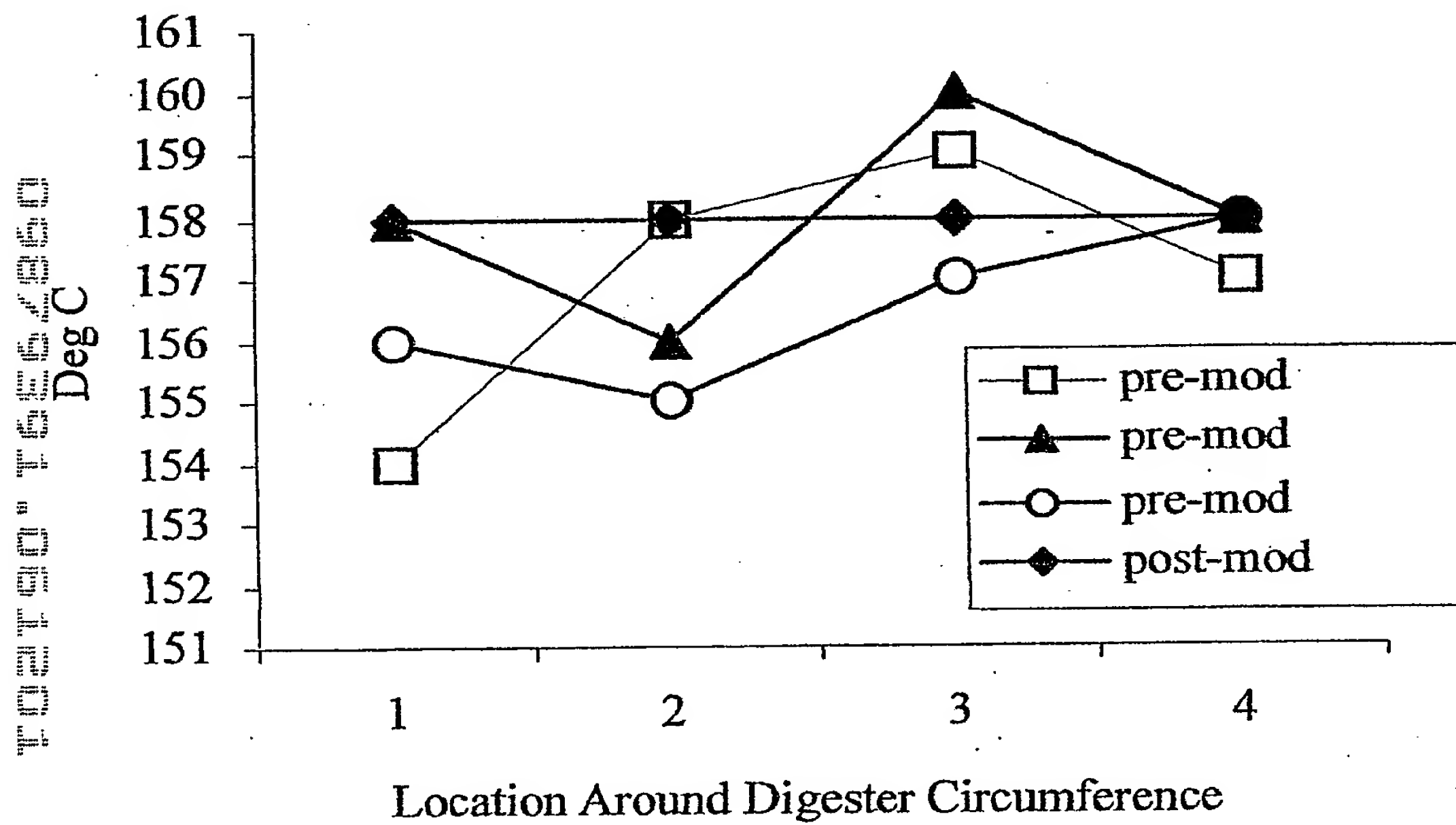


**Figure 7 :** Blow Line Temperature Gradients Before and After Filtrate-Header Modification. The gradient was not eliminated.



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## Modified Cook Header Temperature



**Figure 8:** Modified Cook Header Temperature Gradients Before and After Header Modification.

### Extraction Header Temperature Gradients

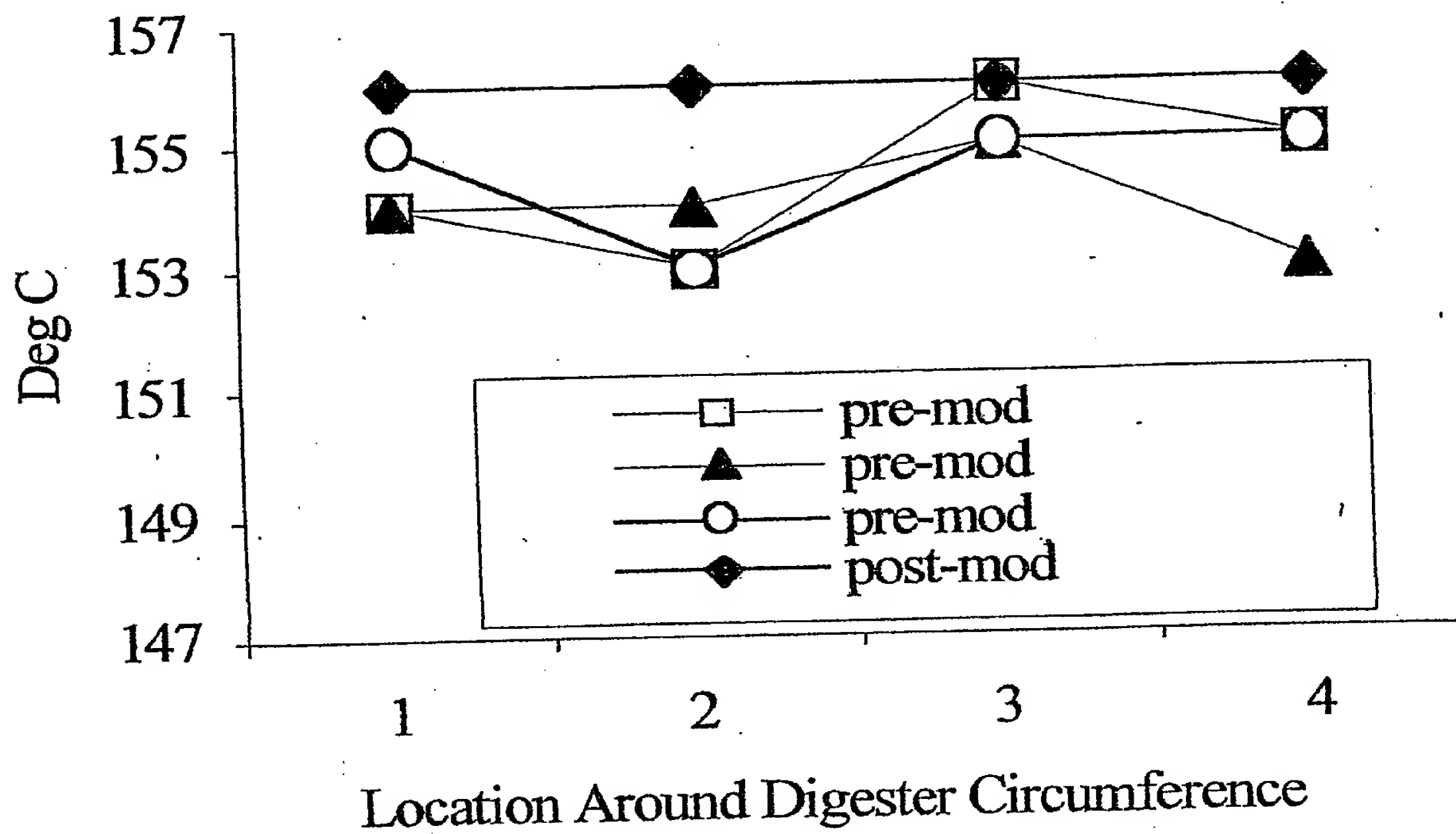


Figure 9 : Extraction Header Temperature Gradients Before and After Header Modification.

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## Reject Content of Pulp from Brownstock

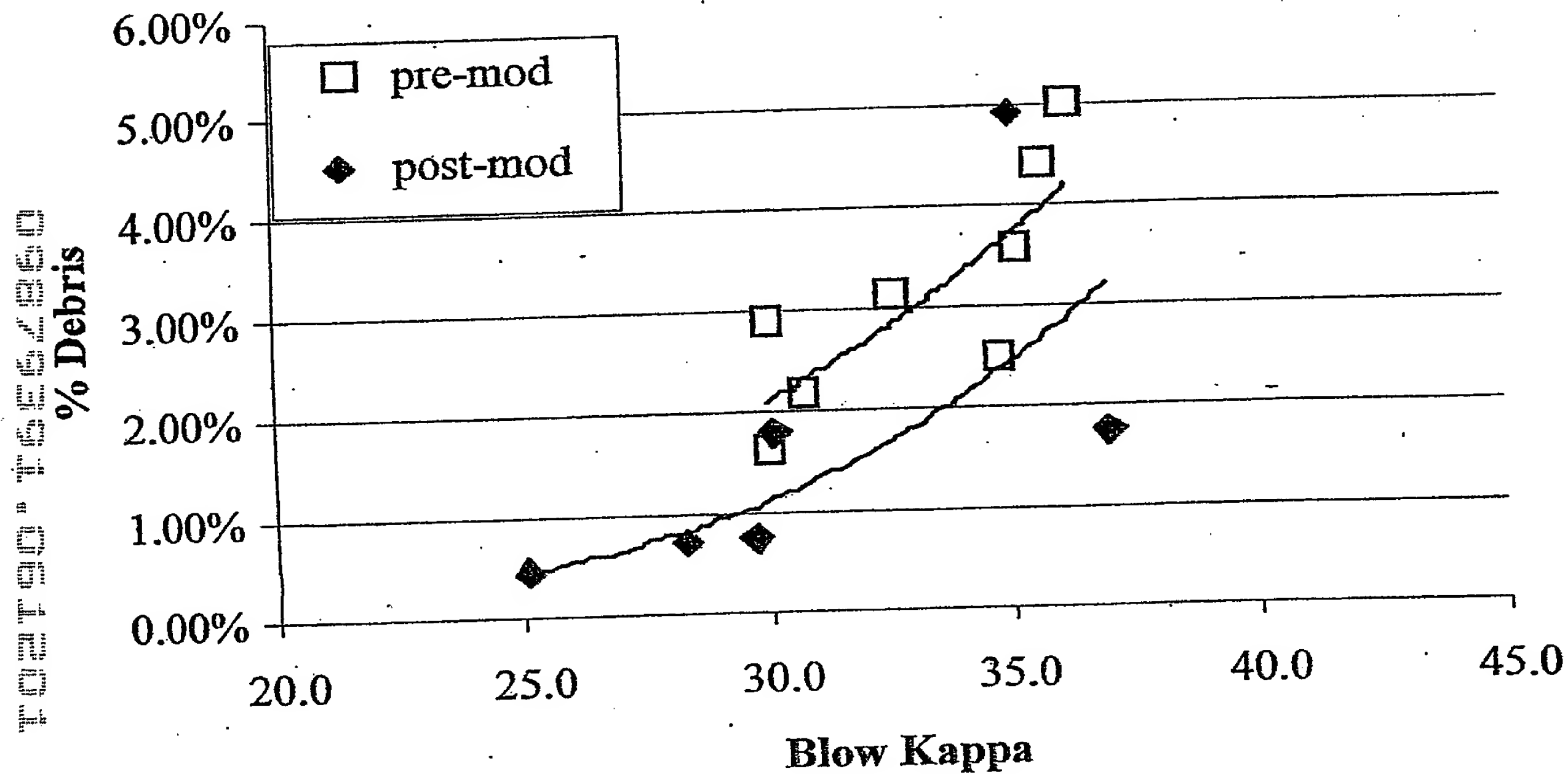


Figure 10: Effect of Filtrate-Header Modification on Cooking Uniformity